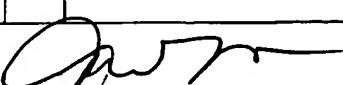


Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116033		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)							
				APPLICANT(S) Shin-ichi TOWATA et al.			
				FILING DATE July 22, 2003			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
1		JP A 2002-105576 w/ abst. & transl.	Apr. 10, 2002	Japan			
2		JP A 9-59001 w/ abst. & transl.	Mar. 4, 1997	Japan			
3		WO 01/006024 A1 w/ transl.	Jan. 25, 2001	WIPO			
4		WO 00/077266 A1 w/ transl.	Dec. 21, 2000	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER 				DATE CONSIDERED <u>6/24/03</u>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							